

**ABSTRACT OF THE DISCLOSURE**

The invention embeds an emulation module in removable media, for use in replicating an operating environment on a laptop or other remote machines. The emulation module prompts the user to capture environmental settings on an originating machine, such as display settings, network settings, input/output, applications, working data files and other parameters on a removable media. The user may then insert the removable media in a compatible reader attached to the laptop or other secondary or host machine, and upon activation of the emulation module reproduce the screen display, applications, data files and other resources on the host machine. When the user is finished working on the host machine, the emulation module may restore the settings of the operating environment on that machine to their preexisting state. Working data may be synchronized between the originating and host machines.